

**FAG****53208**

Axial deep groove ball bearing

Schaeffler ID:
0167158020000

Axial deep groove ball bearing 532, single direction, with spherical housing washer, steel sheet metal cage

Technical information

Main Dimensions & Performance Data

d	40 mm	Inner diameter shaft washer
D	68 mm	Outer diameter housing washer
T	20,3 mm	Height
C _a	44.000 N	Basic dynamic load rating, axial
C _{0a}	97.000 N	Basic static load rating, axial
C _{ua}	4.400 N	Fatigue load limit, axial
n _G	5.500 1/min	Limiting speed
n _{gr}	6.900 1/min	Reference speed
	0,28 kg	Weight

Dimensions

r _{min}	1 mm	Minimum chamfer dimension
D ₁	42 mm	Inner diameter housing washer
d ₁	68 mm	Outer diameter shaft washer
R	56 mm	Radius spherical housing washer
A	28,5 mm	Distance of the center point
T ₁	23 mm	Height with seat washer

Mounting dimensions

d _{a min}	57 mm	Minimum diameter shaft shoulder
D _{a max}	55 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum filled radius

Calculation factors

A	0,05	Minimum load factor
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Additional information

U208	Seat washer
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	150 °C	Operating temperature max.



